

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (Currently Amended): An automatic currency processing system for processing a bank note using a host computer and an automatic processing apparatus, said automatic processing apparatus comprising:

a bank note transfer route for transferring the bank note for processing;

a reading unit for obtaining various features of the bank note being transferred on the bank note transfer route;

a first communication unit for transferring ~~the~~ feature data obtained with said reading unit to ~~the~~said host computer;

a control unit for confirming the feature data based on ~~the~~a result transferred from said host computer;

wherein said host computer ~~further comprising~~comprises:

a validating unit for executing ~~the~~a discrimination process ~~of bank note to~~ determine a denomination of the bank note and of true and false money by using the feature data transferred from said automatic processing apparatus; and

a second communication unit for transferring ~~the discrimination~~a result of the discrimination process from said validating unit to said automatic processing apparatus.

Claim 2 (Currently Amended): An automatic currency processing system according to claim 1, wherein said second communication unit executes the

discrimination process for a plurality units of said automatic processing apparatus in one or a plurality of more validation processing units of ~~the~~said host computer to return the result of the discrimination process to each automatic processing apparatus depending on ~~the~~a discrimination number added to the feature data.

Claim 3 (Currently Amended): An automatic currency processing system according to claim 1, wherein said automatic processing apparatus transmits the feature data of each the bank note to said host computer.

Claim 4 (Currently Amended): An automatic currency processing system according to claim 1, wherein said host computer is a server ~~of~~installed at a business branch.

Claim 5 (Currently Amended): An automatic currency processing system according to claim 1, wherein said host computer is ~~the host computer~~ installed in ~~the~~at one of a financial institution and a management center.

Claim 6 (Currently Amended): An automatic currency processing system according to claim 1, wherein said sensor ~~unit is~~reading unit is provided with an optical sensor to obtain the feature data of the bank note.

Claim 7 (Currently Amended): An automatic currency processing system according to claim 6, wherein said feature data is ~~the data of the~~an optical

beam reflected from the bank note or data of an optical beam having passed
~~said~~through the bank note.

Claim 8 (Currently Amended): An automatic currency processing system according to claim 42, wherein said ~~sensor unit~~reading unit is provided with a magnetic sensor to obtain the feature data from the bank note.

Claim 9 (Currently Amended): An automatic currency processing system according to claim 42, wherein said ~~sensor unit~~reading unit is provided with an image sensor to obtain the feature data from the bank note.

Claim 10 (Currently Amended): An automatic currency processing system according to claim 9, wherein said feature data is image data of the bank note.

Claim 11 (Currently Amended): An automatic processing apparatus for ~~making communication~~communicating with ~~the~~a host computer in ~~the~~an automatic currency processing system, comprising:

a bank note transfer route for transferring ~~the~~a bank note for the processing;

a reading unit for obtaining various features of the bank note being transferred
on the bank note transfer route;

a communication unit for transferring ~~the~~ feature data obtained with said reading unit to ~~the~~said host computer, and for receiving ~~the~~a result of validation

including determination of denomination of the bank note and of true and false money transferred from said host computer; and

a control unit for confirming whether ~~or not~~ the feature data is correct, based on said result of validation.

Claim 12 (Currently Amended): An automatic processing apparatus according to claim 11, wherein said ~~communication unit transmits said feature data is~~ transmitted to said host computer after giving the said communication unit provides its identification number of the own apparatus to said host computer.

Claim 13 (Currently Amended): An automatic processing apparatus according to claim 11, wherein said ~~automatic processing apparatus transmits~~ the said feature data of each bank note is transmitted to said host computer.

Claim 14 (Currently Amended): An automatic processing apparatus according to claim 11, wherein said ~~sensor unit~~ reading unit is provided with an optical sensor to obtain the feature data of the bank note.

Claim 15 (Currently Amended): An automatic processing apparatus according to claim 14, wherein said feature data is the data of the an optical beam reflected from the bank note or having data of an optical beam passed said ~~through~~ the bank note.

Claim 16 (Currently Amended): An automatic processing apparatus according to claim 11, wherein said ~~sensor~~reading unit is provided with a magnetic sensor to obtain the feature data from the bank note.

Claim 17 (Currently Amended): An automatic processing apparatus according to claim 11, wherein said ~~sensor~~reading unit is provided with an image sensor to obtain the feature data from the bank note.

Claim 18 (Currently Amended): An automatic processing apparatus according to claim 17, wherein said feature data is image data of the bank note.

Claim 19 (Currently Amended): An automatic processing apparatus comprising:

a sensor unit provided with a scanner for obtaining image data for ~~discrimination~~ to validate a bank note as ~~the~~ a processing object;

an interface unit ~~for making communication~~ provided to interface with a host computer; and

a control unit for instructing transmission, to said host computer, of the image data obtained with said sensor unit, via said interface unit, and ~~executing the process~~ for processing the bank note using ~~the~~ a result of validation including determination of denomination of the bank note and of true and false money received from said host computer.

Claim 20 (Currently Amended): An automatic processing apparatus according to claim 19, further comprising:

a deposit slot for depositing ~~cash~~the bank note;

wherein said sensor unit obtains image data of the bank note deposited from said deposit slot.

Claim 21 (Currently Amended): An automatic processing apparatus according to claim 19, wherein said sensor unit is provided with a magnetic sensor, and wherein said interface unit transmits ~~the data~~ obtained with said sensor unit to said host computer.

Claim 22 (Currently Amended): An automatic processing apparatus according to claim 19, wherein said sensor unit is provided with an optical sensor, and wherein said interface unit transmits ~~the data~~ obtained with said optical sensor to said host computer.

Claim 23 (Currently Amended): An automatic processing apparatus for ~~making communication~~communicating with a host computer in an automatic currency processing system, comprising:

a bank note transfer route for transferring ~~the~~a bank note for ~~the~~ processing;

a reading unit for obtaining various features of the bank note being transferred on the bank note transfer route;

a communication unit for transferring ~~the feature data~~ obtained with said reading unit to ~~the~~said host computer after ~~giving the~~providing its identification

~~number₁ of the own apparatus and then~~for receiving the~~a~~ validation result including determination of denomination of the bank note and of true and false money

transferred from said host computer; and

a control unit for confirming whether ~~or not~~ the feature data is correct, based on said validation result.

Claim 24 (Currently Amended): An automatic processing apparatus for processing the ~~cash~~a bank note, comprising:

a deposit slot for receiving the ~~cash~~bank note;

a sensor unit for obtaining validation data for validating the bank note deposited from said deposit slot;

an interface unit ~~for making data communication~~provided to interface with a host computer; and

a control unit for instructing transmission, to said host computer, of the validation data obtained with said sensor unit₁ via said interface unit₁ and ~~executing the process~~for processing the bank note using the~~a~~ validation result including determination of denomination of the bank note and of true and false money received from said host computer.